

ABSTRACT OF THE DISCLOSURE

5 A method, system and computer program for secure
electronic communication by modifying a security code for
use in a plurality of separate electronic communications
between a first party and a second party involves the
initial secure exchange of a seed value. Additionally, a
relatively simple advance function and a one-way hash
10 function are exchanged. When a new communication, for
example following a disconnection, is required, both
parties apply the advance function to the seed value and
then hash the result to each create a new security code.
If the tokens at the two parties are the same, the
15 communication is allowed to proceed. The invention is
applicable to both client and server in a client/server
system, where the client may be a cellular phone or a
personal digital assistant.

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